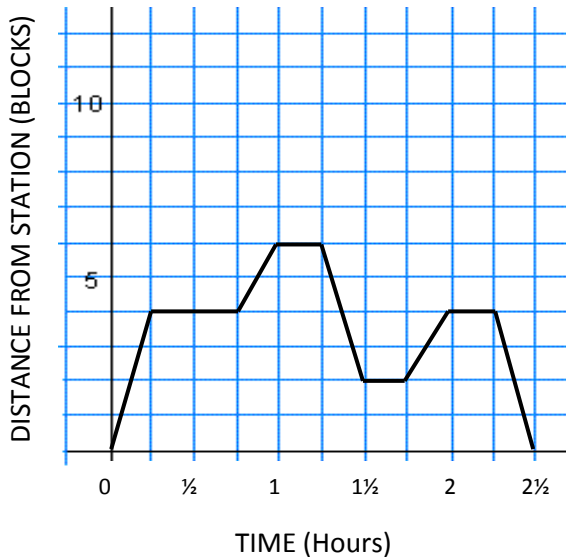


## Trip to the Mall – Graph Story



Maritza took the Metro Rail to go shopping downtown with friends on Sunday. Use the graph to answer the following questions.

1. What is the independent variable? What is the dependent variable?
2. What is the domain? What is the range?
3. At what time is Maritza's distance from the station 0 blocks?
4. What is Maritza's maximum distance from the rail station? At what time is she farthest from the station?
5. How might you describe Maritza's shopping trip? Can you tell how many stores she visited?
6. How many hours was Maritza's trip?
7. During which interval(s) did Maritza walk the fastest?
8. During which interval(s) did Maritza walk the slowest?
9. What was Maritza's distance from the station at 1 1/4 hours?
10. Create one math question based on the graph.
11. Write a story that is illustrated by the graph of Maritza's shopping trip.
12. How far did Maritza walk in all? How long is a city block? How could you translate the distance Maritza walked into miles?

